

CLAIMS:

1. A method of remediating deposits within a pipeline comprising  
inserting a removable smaller pipe within said pipeline,  
providing an electrically insulating coating on said smaller pipe,  
providing a contactor proximate said distal end of said smaller pipe to electrically  
contact said internal diameter of said pipeline,  
flowing an electrical current along the wall area of said internal pipe, through said  
contactor, and along the wall area of said pipeline to generate heat within said smaller  
pipe to remediate blockages within said smaller pipe.
2. The invention of claim 1, further comprising  
providing one or more seals on said smaller pipe proximate the distal end of said  
smaller pipe to sealingly engage the internal diameter of said pipeline to pull said  
smaller pipe into said pipeline.
3. The method of claim 1, wherein said contactor is one or more wheels.
4. The method of claim 1 wherein said electrical current is direct current.
5. The method of claim 1 wherein said electrical current is alternating current.
6. The method of claim 2, wherein said contactor is one or more wheels.
7. The method of claim 2 wherein said electrical current is direct current.
8. The method of claim 2 wherein said electrical current is alternating current.

heating the liquids

9. A method of remediating deposits within a pipeline comprising
  - inserting a removable smaller pipe within said pipeline,
  - providing an electrically insulating coating on said smaller pipe,
  - providing a contactor proximate said distal end of said smaller pipe to electrically contact said internal diameter of said pipeline,
  - flowing an electrical current along the wall area of said internal pipe, through said contactor, and along the wall area of said pipeline to generate heat within said smaller pipe to heat the liquids within said smaller pipe, and
  - flowing said heated liquids out the distal end of said smaller pipe and onto said deposits within said pipeline,
10. The invention of claim 9, further comprising
  - providing one or more seals on said smaller pipe proximate the distal end of said smaller pipe to sealingly engage the internal diameter of said pipeline to pull said smaller pipe into said pipeline.
11. The method of claim 9, wherein said contactor is one or more wheels.
12. The method of claim 9 wherein said electrical current is direct current.
13. The method of claim 9 wherein said electrical current is alternating current.
14. The method of claim 10, wherein said contactor is one or more wheels.
15. The method of claim 10 wherein said electrical current is direct current.
16. The method of claim 10 wherein said electrical current is alternating current.

17. A method of preventing deposits within a first pipe comprising  
inserting a removable smaller pipe within said first pipe,  
providing an electrically insulating coating on said smaller pipe,  
providing a contactor proximate said distal end of said smaller pipe to electrically  
contact said internal diameter of said first pipe,  
flowing an electrical current along the wall area of said smaller pipe, through said  
contactor, and along the wall area of said first pipe to generate heat within said smaller  
pipe to elevate the temperature of the liquids within said smaller pipe and prevent  
paraffin from forming on the internal bore of said smaller pipe.

18. The invention of claim 17, further comprising  
providing one or more seals on said smaller pipe proximate the distal end of said  
smaller pipe to sealingly engage the internal diameter of said first pipe to pull said  
smaller pipe into said first pipe.

19. The method of claim 17, wherein said contactor is one or more wheels.

20. The method of claim 18, wherein said contactor is one or more wheels.